

10.1-10.3 Quiz Review

$$4^x = 16$$

- solve equations by changing base
- switch between logarithmic and exponential form
- evaluate logs $\log_b x = y$ $b^y = x$
- solve equations and inequalities with logs on one side of the equation and two sides of the equation
- given specific log values, expand a log to evaluate

$$\log_5 50 = \log_5 5^2 + \log_5 2$$

$\frac{2}{2}$ $\frac{2}{.4307}$